



04/06/01

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DOCKET NO: NEC 01USFP630

DATE: April 6, 2001



ASSISTANT COMMISSIONER FOR PATENTS
 WASHINGTON, D.C. 20231

Dear Sir:

Transmitted herewith for filing is the patent application of:

INVENTOR: Tooru OGINO

FOR: PORTABLE TELEPHONE APPARATUS THAT CAN ATTAIN DIRECTIVITY OF ANTENNA WHICH
 OPTIMIZES RECEPTION STATE FROM BASE STATION

Enclosed are the following:

- Specification: 22 pages; Claims: 5 pages; Abstract: 1 page
- Declaration and Power of Attorney
- Sheet(s) of drawings 8 pages
- An assignment of the invention to: NEC Corporation
- A certified copy of Japanese application No. 2000-106897 filed April 7, 2000.
- Information Disclosure Statement

Priority is hereby claimed under 35 USC 119 by way of Japanese patent application No. 2000-106897
 filed April 7, 2000

The filing fee has been calculated as shown below:

| | | SMALL ENTITY | LARGE ENTITY |
|-----------------------|-----------|--------------|--------------|
| BASIC FEE: | | \$355.00 | \$710.00 |
| TOTAL CLAIMS: | 20 - 20 = | x 9 = \$ | x 18 = \$ |
| INDEPENDENT CLAIMS: | 1 - 3 = | x 40 = \$ | x 80 = \$ |
| MULT. DEPEND. CLAIMS: | | + 135 = \$ | + 270 = \$ |
| TOTAL: | | \$ | \$710.00 |

- Please charge the Credit Card in the amount of \$750.00 (\$40.00 Assignment recordal fee included)
 as indicated on Form PTO-2038 enclosed.

The Commissioner is hereby authorized to charge any additional filing fees required under 37 CFR 1.16 or
 credit any overpayment to Deposit Account No. 08-1391.

Norman P. Soloway
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CERTIFICATE OF EXPRESS MAILING"Express Mail" Mailing Label No: EL571086003USDate of Deposit: April 6, 2001

I hereby certify that this paper and the papers listed thereon are being deposited with the United States Postal
 Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above, and is
 addressed to BOX PATENT APPLICATION, Assistant Commissioner of Patents, Washington, DC 20231.

Signature of person mailing:

Name of person mailing: Johanne Hrycuna